

INTERNATIONAL SEARCH REPORT

International Application No

.../GB2004/001223

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01F1/688 G01P5/10 G01F1/704 G01K11/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01F G01P G01K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>US 4 621 929 A (PHILLIPS STEPHEN R) 11 November 1986 (1986-11-11)</p> <p>column 3, line 36 - column 12, line 41 column 13, line 19 - column 14, line 2; figures 1-5D,8</p> <p>----- -/-</p>	<p>1-3, 17-29, 43-52, 58,59</p>

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

G document member of the same patent family

Date of the actual completion of the international search

24 September 2004

Date of mailing of the international search report

06/10/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Politsch, E

INTERNATIONAL SEARCH REPORT

National Application No

/GB2004/001223

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/11317 A (WILLIAMS GLYNN ; NEUROTH DAVID H (US); BAKER HUGHES INC (US); DALRYMPL) 2 March 2000 (2000-03-02) cited in the application page 5, paragraph 2 - page 7, last paragraph; figures	1-16, 25-42, 51-60
Y		1,2,4-6, 9,12-16, 25-28, 30-32, 35, 38-40, 42,51-56
Y	DE 298 21 223 U (GTC KAPPELMEYER GMBH) 1 April 1999 (1999-04-01)	1,2,4-6, 9-16, 25-28, 30-32, 35, 38-42, 51-57,60
A	page 6, paragraph 2 - page 7, paragraph 1	7,8,33, 34
Y	BOBB L C ET AL: "An optical fiber hot-wire anemometer" PROCEEDINGS OF THE SPIE - THE INTERNATIONAL SOCIETY FOR OPTICAL ENGINEERING USA, vol. 1169, 1990, pages 567-572, XP009036558 ISSN: 0277-786X	1,2,4-6, 9-16, 25-28, 30-32, 35, 38-42, 51-57,60
A	the whole document	7,8,33, 34
A	US 5 004 913 A (KLEINERMAN MARCOS) 2 April 1991 (1991-04-02) column 31, line 18 - column 32, line 26; figure 24	1,2, 17-28, 43-52

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB2004/001223

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☒ Claims Nos.: 61-64
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 61-64

The respective subject-matter of claims 61-64 is unclear: in contradiction to the requirements of Article 6 PCT and Rule 6.3 PCT no technical features are defined.

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/GB2004/001223

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4621929	A	11-11-1986	AT 44614 T CA 1230240 A1 DE 3478951 D1 EP 0144630 A2 JP 60098345 A	15-07-1989 15-12-1987 17-08-1989 19-06-1985 01-06-1985
WO 0011317	A	02-03-2000	AU 5791999 A CA 2342139 A1 EP 1109990 A1 NO 20010923 A WO 0011317 A1 US 2003122535 A1 US 6497279 B1	14-03-2000 02-03-2000 27-06-2001 17-04-2001 02-03-2000 03-07-2003 24-12-2002
DE 29821223	U	01-04-1999	DE 19825500 C1 DE 29821223 U1	30-03-2000 01-04-1999
US 5004913	A	02-04-1991	US 5332316 A US 5560712 A US 5485480 A US 5499313 A US 5090818 A US 5696863 A US 5820265 A US 5302025 A US 5928222 A US 5222810 A US 5363463 A US 5991479 A US 5963680 A US 5096277 A US 4708494 A	26-07-1994 01-10-1996 16-01-1996 12-03-1996 25-02-1992 09-12-1997 13-10-1998 12-04-1994 27-07-1999 29-06-1993 08-11-1994 23-11-1999 05-10-1999 17-03-1992 24-11-1987